Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
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FAX (707) 792-0342
www.sequoialabs.com

8 September, 2003

Bruce Lewis
Environmental Resources Management
2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833

RE: Aerojet RI/FS
Work Order: P308139

Enclosed are the results of analyses for samples received by the laboratory on 08/06/03 14:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari

Angelee Cari
Project Manager

CA ELAP Certificate #2374

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
38D-SB08-2.5	P308139-01	Soil	08/06/03 08:35	08/06/03 14:20
38D-SB08-20	P308139-02	Soil	08/06/03 10:15	08/06/03 14:20
38D-SB08-25	P308139-03	Soil	08/06/03 10:30	08/06/03 14:20
38D-SB08-30	P308139-04	Soil	08/06/03 10:50	08/06/03 14:20
38D-SB08-35	P308139-05	Soil	08/06/03 11:20	08/06/03 14:20
38D-SB08D-35	P308139-06	Soil	08/06/03 11:20	08/06/03 14:20
38D-SB08-40	P308139-07	Soil	08/06/03 11:50	08/06/03 14:20
38D-SB08-45E	P308139-08	Water	08/06/03 12:00	08/06/03 14:20

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Tentatively Identified Compounds by GC/MS
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-2.5 (P308139-01) Soil	**Sampled: 08/06/03 08:35**		**Received: 08/06/03 14:20**							
Unknown 1	**5000**		300	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
38D-SB08-20 (P308139-02) Soil	**Sampled: 08/06/03 10:15**		**Received: 08/06/03 14:20**							
No TICs found	ND		300	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
38D-SB08-25 (P308139-03) Soil	**Sampled: 08/06/03 10:30**		**Received: 08/06/03 14:20**							
No TICs found	ND		300	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
38D-SB08-30 (P308139-04) Soil	**Sampled: 08/06/03 10:50**		**Received: 08/06/03 14:20**							
No TICs found	ND		300	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
38D-SB08-35 (P308139-05) Soil	**Sampled: 08/06/03 11:20**		**Received: 08/06/03 14:20**							
No TICs found	ND		300	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
38D-SB08D-35 (P308139-06) Soil	**Sampled: 08/06/03 11:20**		**Received: 08/06/03 14:20**							
No TICs found	ND		300	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
38D-SB08-40 (P308139-07) Soil	**Sampled: 08/06/03 11:50**		**Received: 08/06/03 14:20**							
No TICs found	ND		300	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
38D-SB08-45E (P308139-08) Water	**Sampled: 08/06/03 12:00**		**Received: 08/06/03 14:20**							
No TICs found	ND		10	ug/l	1	3080223	08/12/03	08/27/03	EPA 8270C	

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Environmental Resources Management	Project:	Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-2.5 (P308139-01) Soil Sampled: 08/06/03 08:35 Received: 08/06/03 14:20										
Acenaphthene	ND	8.7	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	

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Environmental Resources Management	Project:	Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-2.5 (P308139-01) Soil	**Sampled: 08/06/03 08:35**		**Received: 08/06/03 14:20**							
Di-n-octyl phthalate	ND	11	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*32 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*40 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*41 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*48 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*80 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*92 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project:	Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-20 (P308139-02) Soil	**Sampled: 08/06/03 10:15**		**Received: 08/06/03 14:20**							
Acenaphthene	ND	8.7	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-20 (P308139-02) Soil	**Sampled: 08/06/03 10:15**		**Received: 08/06/03 14:20**							
Di-n-octyl phthalate	ND	11	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*63 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*72 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*75 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*81 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*89 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*110 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project:	Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-25 (P308139-03) Soil	**Sampled: 08/06/03 10:30**		**Received: 08/06/03 14:20**							
Acenaphthene	ND	8.7	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-25 (P308139-03) Soil	**Sampled: 08/06/03 10:30**		**Received: 08/06/03 14:20**							
Di-n-octyl phthalate	ND	11	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*64 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*73 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*75 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*83 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*88 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*107 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project:	Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-30 (P308139-04) Soil	**Sampled: 08/06/03 10:50**		**Received: 08/06/03 14:20**							
Acenaphthene	ND	8.7	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	**330**	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-30 (P308139-04) Soil	**Sampled: 08/06/03 10:50**		**Received: 08/06/03 14:20**							
Di-n-octyl phthalate	ND	11	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*62 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*70 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*72 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*67 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*74 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*99 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project:	Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-35 (P308139-05) Soil	**Sampled: 08/06/03 11:20**		**Received: 08/06/03 14:20**							
Acenaphthene	ND	8.7	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-35 (P308139-05) Soil	**Sampled: 08/06/03 11:20**		**Received: 08/06/03 14:20**							
Di-n-octyl phthalate	ND	11	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*66 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*76 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*80 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*83 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*80 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*107 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08D-35 (P308139-06) Soil Sampled: 08/06/03 11:20 Received: 08/06/03 14:20										
Acenaphthene	ND	8.7	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08D-35 (P308139-06) Soil	**Sampled: 08/06/03 11:20**		**Received: 08/06/03 14:20**							
Di-n-octyl phthalate	ND	11	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*64 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*73 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*78 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*81 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*75 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*102 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project:	Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-40 (P308139-07) Soil	**Sampled: 08/06/03 11:50**		**Received: 08/06/03 14:20**							
Acenaphthene	ND	8.7	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-40 (P308139-07) Soil	**Sampled: 08/06/03 11:50**		**Received: 08/06/03 14:20**							
Di-n-octyl phthalate	ND	11	330	ug/kg	1	3080305	08/18/03	08/22/03	EPA 8270C	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*64 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*74 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*78 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*80 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*78 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*108 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-45E (P308139-08) Water	**Sampled: 08/06/03 12:00**		**Received: 08/06/03 14:20**							
Acenaphthene	ND	1.2	10	ug/l	1	3080223	08/12/03	08/27/03	EPA 8270C	
Acenaphthylene	ND	1.4	10	"	"	"	"	"	"	
Anthracene	ND	0.62	10	"	"	"	"	"	"	
Azobenzene	ND	0.66	21	"	"	"	"	"	"	
Benzidine	ND	3.3	52	"	"	"	"	"	"	
Benzoic acid	ND	4.1	52	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.46	10	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1.2	10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.67	10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.91	10	"	"	"	"	"	"	
Benzyl alcohol	ND	4.0	21	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	1.1	10	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	1.6	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	1.6	10	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	3.0	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.73	10	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	2.8	10	"	"	"	"	"	"	
4-Chloroaniline	ND	0.57	21	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	2.4	21	"	"	"	"	"	"	
2-Chloronaphthalene	ND	1.5	10	"	"	"	"	"	"	
2-Chlorophenol	ND	0.32	10	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	1.0	10	"	"	"	"	"	"	
Chrysene	ND	0.47	10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.57	10	"	"	"	"	"	"	
Dibenzofuran	ND	1.2	10	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	1.2	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.9	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.9	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.8	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	3.0	21	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.49	10	"	"	"	"	"	"	
Diethyl phthalate	ND	0.44	10	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.4	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.58	10	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	3.5	52	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	2.4	52	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.85	10	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.79	10	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
38D-SB08-45E (P308139-08) Water	**Sampled: 08/06/03 12:00**		**Received: 08/06/03 14:20**							
Di-n-octyl phthalate	ND	0.84	10	ug/l	1	3080223	08/12/03	08/27/03	EPA 8270C	
Fluoranthene	ND	0.46	10	"	"	"	"	"	"	
Fluorene	ND	1.0	10	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.82	10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.5	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.32	10	"	"	"	"	"	"	
Hexachloroethane	ND	1.8	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.64	10	"	"	"	"	"	"	
Isophorone	ND	0.74	10	"	"	"	"	"	"	
2-Methylnaphthalene	ND	1.5	10	"	"	"	"	"	"	
2-Methylphenol	ND	3.5	10	"	"	"	"	"	"	
4-Methylphenol	ND	3.1	10	"	"	"	"	"	"	
Naphthalene	ND	1.6	10	"	"	"	"	"	"	
2-Nitroaniline	ND	0.72	52	"	"	"	"	"	"	
3-Nitroaniline	ND	0.56	52	"	"	"	"	"	"	
4-Nitroaniline	ND	0.64	52	"	"	"	"	"	"	
Nitrobenzene	ND	1.4	10	"	"	"	"	"	"	
2-Nitrophenol	ND	0.44	10	"	"	"	"	"	"	
4-Nitrophenol	ND	0.53	52	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	1.5	21	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	4.0	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.60	10	"	"	"	"	"	"	
Pentachlorophenol	ND	3.2	52	"	"	"	"	"	"	
Phenanthrene	ND	0.58	10	"	"	"	"	"	"	
Phenol	ND	0.50	10	"	"	"	"	"	"	
Pyrene	ND	0.29	10	"	"	"	"	"	"	
Pyridine	ND	3.9	10	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.8	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.64	10	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.32	10	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*54 %*	*15-103*			"	"	"	"	
Surrogate: Phenol-d6		*71 %*	*18-115*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*82 %*	*39-103*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*84 %*	*40-124*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*101 %*	*11-142*			"	"	"	"	
Surrogate: Terphenyl-d14		*118 %*	*56-139*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Tentatively Identified Compounds by GC/MS - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080223 - EPA 3520B LiqLiquid											
Blank (3080223-BLK1)					Prepared: 08/12/03 Analyzed: 08/26/03						
No TICs found	ND		10	ug/l							
Batch 3080305 - EPA 3550A Sonication											
Blank (3080305-BLK1)					Prepared: 08/18/03 Analyzed: 08/22/03						
No TICs found	ND		300	ug/kg							

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080223 - EPA 3520B LiqLiquid											
Blank (3080223-BLK1)					Prepared: 08/12/03 Analyzed: 08/26/03						
Acenaphthene	ND	1.2	10	ug/l							
Acenaphthylene	ND	1.4	10	"							
Anthracene	ND	0.60	10	"							
Azobenzene	ND	0.63	20	"							
Benzidine	ND	3.2	50	"							
Benzoic acid	ND	3.9	50	"							
Benzo (a) anthracene	ND	0.44	10	"							
Benzo (b+k) fluoranthene (total)	ND	1.1	10	"							
Benzo (g,h,i) perylene	ND	0.64	10	"							
Benzo (a) pyrene	ND	0.87	10	"							
Benzyl alcohol	ND	3.9	20	"							
Bis(2-chloroethoxy)methane	ND	1.1	10	"							
Bis(2-chloroethyl)ether	ND	1.5	10	"							
Bis(2-chloroisopropyl)ether	ND	1.5	10	"							
Bis(2-ethylhexyl)phthalate	ND	2.8	10	"							
4-Bromophenyl phenyl ether	ND	0.70	10	"							
Butyl benzyl phthalate	ND	2.7	10	"							
4-Chloroaniline	ND	0.55	20	"							
4-Chloro-3-methylphenol	ND	2.3	20	"							
2-Chloronaphthalene	ND	1.4	10	"							
2-Chlorophenol	ND	0.31	10	"							
4-Chlorophenyl phenyl ether	ND	0.97	10	"							
Chrysene	ND	0.45	10	"							
Dibenz (a,h) anthracene	ND	0.55	10	"							
Dibenzofuran	ND	1.1	10	"							
Di-n-butyl phthalate	ND	1.1	10	"							
1,2-Dichlorobenzene	ND	1.8	10	"							
1,3-Dichlorobenzene	ND	1.8	10	"							
1,4-Dichlorobenzene	ND	1.8	10	"							
3,3´-Dichlorobenzidine	ND	2.9	20	"							
2,4-Dichlorophenol	ND	0.47	10	"							
Diethyl phthalate	ND	0.42	10	"							
2,4-Dimethylphenol	ND	1.4	10	"							
Dimethyl phthalate	ND	0.56	10	"							
4,6-Dinitro-2-methylphenol	ND	3.4	50	"							
2,4-Dinitrophenol	ND	2.3	50	"							
2,4-Dinitrotoluene	ND	0.82	10	"							

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080223 - EPA 3520B LiqLiquid											
Blank (3080223-BLK1)					Prepared: 08/12/03 Analyzed: 08/26/03						
2,6-Dinitrotoluene	ND	0.76	10	ug/l							
Di-n-octyl phthalate	ND	0.81	10	"							
Fluoranthene	ND	0.44	10	"							
Fluorene	ND	1.0	10	"							
Hexachlorobenzene	ND	0.79	10	"							
Hexachlorobutadiene	ND	1.5	10	"							
Hexachlorocyclopentadiene	ND	0.31	10	"							
Hexachloroethane	ND	1.7	10	"							
Indeno (1,2,3-cd) pyrene	ND	0.61	10	"							
Isophorone	ND	0.71	10	"							
2-Methylnaphthalene	ND	1.4	10	"							
2-Methylphenol	ND	3.4	10	"							
4-Methylphenol	ND	3.0	10	"							
Naphthalene	ND	1.6	10	"							
2-Nitroaniline	ND	0.69	50	"							
3-Nitroaniline	ND	0.54	50	"							
4-Nitroaniline	ND	0.61	50	"							
Nitrobenzene	ND	1.3	10	"							
2-Nitrophenol	ND	0.42	10	"							
4-Nitrophenol	ND	0.51	50	"							
N-Nitrosodimethylamine	ND	1.4	20	"							
N-Nitrosodiphenylamine	ND	3.9	10	"							
N-Nitrosodi-n-propylamine	ND	0.58	10	"							
Pentachlorophenol	ND	3.1	50	"							
Phenanthrene	ND	0.56	10	"							
Phenol	ND	0.48	10	"							
Pyrene	ND	0.28	10	"							
Pyridine	ND	3.8	10	"							
1,2,4-Trichlorobenzene	ND	1.7	10	"							
2,4,5-Trichlorophenol	ND	0.61	10	"							
2,4,6-Trichlorophenol	ND	0.31	10	"							
Surrogate: 2-Fluorophenol	*80.9*			*"*	*150*		*54*	*15-103*			
Surrogate: Phenol-d6	*101*			*"*	*150*		*67*	*18-115*			
Surrogate: Nitrobenzene-d5	*76.7*			*"*	*100*		*77*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*73.5*			*"*	*100*		*74*	*40-124*			
Surrogate: 2,4,6-Tribromophenol	*124*			*"*	*150*		*83*	*11-142*			

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080223 - EPA 3520B LiqLiquid											
Blank (3080223-BLK1)					Prepared: 08/12/03 Analyzed: 08/26/03						
Surrogate: Terphenyl-d14	*113*			*ug/l*	*100*		*113*	*56-139*			
Laboratory Control Sample (3080223-BS1)					Prepared: 08/12/03 Analyzed: 08/26/03						
Acenaphthene	96.6	1.2	10	ug/l	100		97	58-120			
4-Chloro-3-methylphenol	104	2.3	20	"	100		104	51-116			
2-Chlorophenol	85.8	0.31	10	"	100		86	28-111			
1,4-Dichlorobenzene	79.9	1.8	10	"	100		80	29-108			
2,4-Dinitrotoluene	122	0.82	10	"	100		122	60-114			Q-LIM
4-Nitrophenol	102	0.51	50	"	100		102	25-148			
N-Nitrosodi-n-propylamine	88.1	0.58	10	"	100		88	29-119			
Pentachlorophenol	108	3.1	50	"	100		108	40-131			
Phenol	77.2	0.48	10	"	100		77	22-117			
Pyrene	116	0.28	10	"	100		116	52-127			
1,2,4-Trichlorobenzene	90.6	1.7	10	"	100		91	24-131			
Surrogate: 2-Fluorophenol	*100*			*"*	*150*		*67*	*15-103*			
Surrogate: Phenol-d6	*117*			*"*	*150*		*78*	*18-115*			
Surrogate: Nitrobenzene-d5	*93.3*			*"*	*100*		*93*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*95.5*			*"*	*100*		*96*	*40-124*			
Surrogate: 2,4,6-Tribromophenol	*168*			*"*	*150*		*112*	*11-142*			
Surrogate: Terphenyl-d14	*116*			*"*	*100*		*116*	*56-139*			
Laboratory Control Sample Dup (3080223-BSD1)					Prepared: 08/12/03 Analyzed: 08/26/03						
Acenaphthene	99.4	1.2	10	ug/l	100		99	58-120	3	27	
4-Chloro-3-methylphenol	105	2.3	20	"	100		105	51-116	1	30	
2-Chlorophenol	87.0	0.31	10	"	100		87	28-111	1	39	
1,4-Dichlorobenzene	80.0	1.8	10	"	100		80	29-108	0.1	41	
2,4-Dinitrotoluene	125	0.82	10	"	100		125	60-114	2	22	Q-LIM
4-Nitrophenol	99.4	0.51	50	"	100		99	25-148	3	44	
N-Nitrosodi-n-propylamine	88.5	0.58	10	"	100		88	29-119	0.5	44	
Pentachlorophenol	110	3.1	50	"	100		110	40-131	2	33	
Phenol	77.8	0.48	10	"	100		78	22-117	0.8	33	
Pyrene	120	0.28	10	"	100		120	52-127	3	25	
1,2,4-Trichlorobenzene	90.2	1.7	10	"	100		90	24-131	0.4	48	
Surrogate: 2-Fluorophenol	*101*			*"*	*150*		*67*	*15-103*			
Surrogate: Phenol-d6	*117*			*"*	*150*		*78*	*18-115*			
Surrogate: Nitrobenzene-d5	*93.5*			*"*	*100*		*94*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*98.4*			*"*	*100*		*98*	*40-124*			

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080223 - EPA 3520B LiqLiquid											
Laboratory Control Sample Dup (3080223-BSD1)					Prepared: 08/12/03 Analyzed: 08/26/03						
Surrogate: 2,4,6-Tribromophenol	*168*			*ug/l*	*150*		*112*	*11-142*			
Surrogate: Terphenyl-d14	*120*			*"*	*100*		*120*	*56-139*			
Batch 3080305 - EPA 3550A Sonication											
Blank (3080305-BLK1)					Prepared: 08/18/03 Analyzed: 08/22/03						
Acenaphthene	ND	8.7	330	ug/kg							
Acenaphthylene	ND	7.6	330	"							
Anthracene	ND	14	330	"							
Azobenzene	ND	20	330	"							
Benzidine	ND	1700	1700	"							
Benzoic acid	ND	2.7	1700	"							
Benzo (a) anthracene	ND	7.6	330	"							
Benzo (b+k) fluoranthene (total)	ND	13	330	"							
Benzo (g,h,i) perylene	ND	8.8	330	"							
Benzo (a) pyrene	ND	10	330	"							
Benzyl alcohol	ND	11	660	"							
Bis(2-chloroethoxy)methane	ND	9.1	330	"							
Bis(2-chloroethyl)ether	ND	15	330	"							
Bis(2-chloroisopropyl)ether	ND	16	330	"							
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"							
4-Bromophenyl phenyl ether	ND	13	330	"							
Butyl benzyl phthalate	ND	11	330	"							
4-Chloroaniline	ND	58	660	"							
4-Chloro-3-methylphenol	ND	11	660	"							
2-Chloronaphthalene	ND	9.9	330	"							
2-Chlorophenol	ND	16	330	"							
4-Chlorophenyl phenyl ether	ND	13	330	"							
Chrysene	ND	11	330	"							
Dibenz (a,h) anthracene	ND	18	330	"							
Dibenzofuran	ND	9.6	330	"							
Di-n-butyl phthalate	73.7	12	330	"							J
1,2-Dichlorobenzene	ND	16	330	"							
1,3-Dichlorobenzene	ND	14	330	"							
1,4-Dichlorobenzene	ND	15	330	"							
3,3´-Dichlorobenzidine	ND	44	660	"							
2,4-Dichlorophenol	ND	15	330	"							

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080305 - EPA 3550A Sonication											
Blank (3080305-BLK1)					Prepared: 08/18/03 Analyzed: 08/22/03						
Diethyl phthalate	ND	14	330	ug/kg							
2,4-Dimethylphenol	ND	36	330	"							
Dimethyl phthalate	ND	11	330	"							
4,6-Dinitro-2-methylphenol	ND	17	1700	"							
2,4-Dinitrophenol	ND	10	1700	"							
2,4-Dinitrotoluene	ND	20	330	"							
2,6-Dinitrotoluene	ND	13	330	"							
Di-n-octyl phthalate	ND	11	330	"							
Fluoranthene	ND	11	330	"							
Fluorene	ND	7.9	330	"							
Hexachlorobenzene	ND	15	330	"							
Hexachlorobutadiene	ND	17	330	"							
Hexachlorocyclopentadiene	ND	10	330	"							
Hexachloroethane	ND	17	330	"							
Indeno (1,2,3-cd) pyrene	ND	11	330	"							
Isophorone	ND	14	330	"							
2-Methylnaphthalene	ND	10	330	"							
2-Methylphenol	ND	16	330	"							
4-Methylphenol	ND	11	330	"							
Naphthalene	ND	13	330	"							
2-Nitroaniline	ND	17	1700	"							
3-Nitroaniline	ND	18	1700	"							
4-Nitroaniline	ND	22	1700	"							
Nitrobenzene	ND	16	330	"							
2-Nitrophenol	ND	14	330	"							
4-Nitrophenol	ND	23	1700	"							
N-Nitrosodimethylamine	ND	16	330	"							
N-Nitrosodiphenylamine	ND	17	330	"							
N-Nitrosodi-n-propylamine	ND	15	330	"							
Pentachlorophenol	ND	12	1700	"							
Phenanthrene	ND	14	330	"							
Phenol	ND	12	330	"							
Pyrene	ND	12	330	"							
1,2,4-Trichlorobenzene	ND	15	330	"							
2,4,5-Trichlorophenol	ND	14	330	"							
2,4,6-Trichlorophenol	ND	9.4	330	"							

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080305 - EPA 3550A Sonication											
Blank (3080305-BLK1)					Prepared: 08/18/03 Analyzed: 08/22/03						
Surrogate: 2-Fluorophenol	*1620*			*ug/kg*	*2500*		*65*	*11-120*			
Surrogate: Phenol-d6	*1840*			*"*	*2500*		*74*	*16-130*			
Surrogate: Nitrobenzene-d5	*1310*			*"*	*1670*		*78*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*1420*			*"*	*1670*		*85*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*2090*			*"*	*2500*		*84*	*51-144*			
Surrogate: Terphenyl-d14	*1850*			*"*	*1670*		*111*	*64-119*			
Laboratory Control Sample (3080305-BS1)					Prepared: 08/18/03 Analyzed: 08/22/03						
Acenaphthene	2690	8.7	330	ug/kg	3330		81	34-114			
4-Chloro-3-methylphenol	2880	11	660	"	3330		86	24-118			
2-Chlorophenol	2480	16	330	"	3330		74	29-101			
1,4-Dichlorobenzene	2350	15	330	"	3330		71	25-104			
2,4-Dinitrotoluene	3580	20	330	"	3330		108	42-116			
4-Nitrophenol	2860	23	1700	"	3330		86	31-109			
N-Nitrosodi-n-propylamine	2430	15	330	"	3330		73	23-117			
Pentachlorophenol	3070	12	1700	"	3330		92	34-114			
Phenol	2400	12	330	"	3330		72	20-105			
Pyrene	3510	12	330	"	3330		105	30-124			
1,2,4-Trichlorobenzene	2640	15	330	"	3330		79	28-112			
Surrogate: 2-Fluorophenol	*1710*			*"*	*2500*		*68*	*11-120*			
Surrogate: Phenol-d6	*1850*			*"*	*2500*		*74*	*16-130*			
Surrogate: Nitrobenzene-d5	*1280*			*"*	*1670*		*77*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*1370*			*"*	*1670*		*82*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*2510*			*"*	*2500*		*100*	*51-144*			
Surrogate: Terphenyl-d14	*1910*			*"*	*1670*		*114*	*64-119*			
Matrix Spike (3080305-MS1)	**Source: P308126-11**				Prepared: 08/18/03 Analyzed: 08/22/03						
Acenaphthene	2680	8.7	330	ug/kg	3330	ND	80	30-110			
4-Chloro-3-methylphenol	2820	11	660	"	3330	ND	85	27-109			
2-Chlorophenol	2450	16	330	"	3330	ND	74	24-98			
1,4-Dichlorobenzene	2280	15	330	"	3330	ND	68	24-89			
2,4-Dinitrotoluene	3480	20	330	"	3330	ND	105	35-110			
4-Nitrophenol	2820	23	1700	"	3330	ND	85	20-110			
N-Nitrosodi-n-propylamine	2420	15	330	"	3330	ND	73	23-109			
Pentachlorophenol	2920	12	1700	"	3330	ND	88	25-123			
Phenol	2360	12	330	"	3330	ND	71	19-100			
Pyrene	3410	12	330	"	3330	ND	102	12-131			

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Environmental Resources Management	Project: Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	09/08/03 11:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3080305 - EPA 3550A Sonication											
Matrix Spike (3080305-MS1)	**Source: P308126-11**				Prepared: 08/18/03 Analyzed: 08/22/03						
1,2,4-Trichlorobenzene	2590	15	330	ug/kg	3330	ND	78	17-110			
Surrogate: 2-Fluorophenol	*1660*			"	*2500*		*66*	*11-120*			
Surrogate: Phenol-d6	*1800*			"	*2500*		*72*	*16-130*			
Surrogate: Nitrobenzene-d5	*1260*			"	*1670*		*75*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*1350*			"	*1670*		*81*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*2150*			"	*2500*		*86*	*51-144*			
Surrogate: Terphenyl-d14	*1790*			"	*1670*		*107*	*64-119*			
Matrix Spike Dup (3080305-MSD1)	**Source: P308126-11**				Prepared: 08/18/03 Analyzed: 08/22/03						
Acenaphthene	2810	8.7	330	ug/kg	3330	ND	84	30-110	5	26	
4-Chloro-3-methylphenol	2970	11	660	"	3330	ND	89	27-109	5	21	
2-Chlorophenol	2570	16	330	"	3330	ND	77	24-98	5	27	
1,4-Dichlorobenzene	2440	15	330	"	3330	ND	73	24-89	7	25	
2,4-Dinitrotoluene	3630	20	330	"	3330	ND	109	35-110	4	15	
4-Nitrophenol	2870	23	1700	"	3330	ND	86	20-110	2	23	
N-Nitrosodi-n-propylamine	2590	15	330	"	3330	ND	78	23-109	7	31	
Pentachlorophenol	3010	12	1700	"	3330	ND	90	25-123	3	43	
Phenol	2480	12	330	"	3330	ND	74	19-100	5	21	
Pyrene	3500	12	330	"	3330	ND	105	12-131	3	26	
1,2,4-Trichlorobenzene	2790	15	330	"	3330	ND	84	17-110	7	30	
Surrogate: 2-Fluorophenol	*1730*			"	*2500*		*69*	*11-120*			
Surrogate: Phenol-d6	*1900*			"	*2500*		*76*	*16-130*			
Surrogate: Nitrobenzene-d5	*1340*			"	*1670*		*80*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*1420*			"	*1670*		*85*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*2310*			"	*2500*		*92*	*51-144*			
Surrogate: Terphenyl-d14	*1830*			"	*1670*		*110*	*64-119*			

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Environmental Resources Management	Project:	Aerojet RI/FS	P308139
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	09/08/03 11:24

Notes and Definitions

J	Estimated value.
Q-LIM	The percent recovery was outside of the control limits. The samples results may still be useful for their intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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